

From: [MCCLINCY Matt](#)
To: [Chip Humphrey/R10/USEPA/US@EPA](#); [Jim M ANDERSON](#)
Cc: [Kristine Koch/R10/USEPA/US@EPA](#)
Subject: RE: Draft msg re: Adding PBDE's as Portland Harbor COC
Date: 01/10/2011 09:42 AM

Thanks Chip,

Jim and I will review and be prepared to discuss on Wednesday morning at the TCT.

Matt

-----Original Message-----

From: Humphrey.Chip@epamail.epa.gov
[mailto:Humphrey.Chip@epamail.epa.gov]
Sent: Monday, January 10, 2011 9:31 AM
To: Jim M ANDERSON; MCCLINCY Matt
Cc: Koch.Kristine@epamail.epa.gov
Subject: Draft msg re: Adding PBDE's as Portland Harbor COC

Here is the draft I was referring to in my voicemail

DRAFT
DRAFT

DRAFT

Jim and Matt,

As you are aware, EPA obtained archived Round 3 bass and carp fish tissue and sediment samples from the LWG for PBDE analysis at our Region 10 laboratory in Manchester, Washington. We mapped the data (copies attached below) showing the sediment results by location, and tissue results by approximate location based on area/home range assumptions. Please note that we only have results for 8 congeners and for totals. The primary PBDE that drives toxicity is PBDE #47.

Based on our review of the data, EPA advised the LWG of our determination that the PBDE data is sufficient to assess risk within Portland Harbor, to provide support for regional watershed efforts, and to monitor the effectiveness of the site remedy with respect to PBDEs. EPA directed the LWG in our letter dated December 8, 2010 to present the risks associated with PBDEs in bass, carp and clam tissue consistent with the fish consumption scenarios developed in the Portland Harbor baseline human health risk assessment. At this point, we have not developed BSAFs for BSARs, nor have we considered PBDEs in the food web model. As a result we do not currently anticipate developing PRGs for PBDEs for use in the draft Feasibility Study report. However, we would expect monitoring efforts to include PBDEs.

EPA is requesting that DEQ add PBDE's as a COC for Portland Harbor upland source control evaluations. EPA does not expect DEQ to re-evaluate prior source control decisions or require sampling of sources or pathways solely for the purpose of PBDE analysis, but should consider adding PBDEs as a COC for ongoing or new data collection efforts for current sources. The focus of DEQ's initial efforts should be for those upland sources and facilities where there is a potential linkage to elevated tissue and/or sediment levels with upland sources.

Please let us know if you have any questions regarding this request.

thanks
Chip Humphrey
EPA
(503) 326-2678

(See attached file: PBDE_in_Sediments_080910.pdf)(See attached file: PBDE_in_Sediments_080910v2.pdf)(See attached file: PHWholeBodyPBDEMap.pdf)(See attached file: PHFilletResults.pdf)